

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. M216	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy National Nuclear Security Administration Sandia Site Office (MS 0184) P.O. Box 5400 Albuquerque, NM 87185-5400		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code) Sandia Corporation P. O. Box 5800 Albuquerque, NM 87185		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC04-94AL85000 10B. DATED (SEE ITEM 13) October 1, 1993		
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority): THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Public Law 95-91 and Other Applicable Law
	D. OTHER (Specify type of modification and authority):

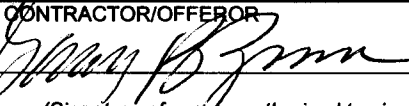
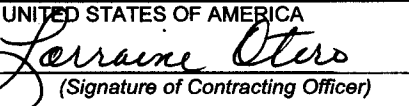
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the following changes:

- 1. Incorporate paragraph (e) to Clause H-33, Implementation of Section I Clauses.**
- 2. Update Part III, Section J, Appendix G, List of Applicable Directives and NNSA Policy Letters.**
- 3. Update Part III, Section J, Appendix D, Key Personnel, dated October 1, 2003, is replaced in its entirety with the attached Appendix D, Key Personnel, dated August 12, 2004.**

Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Gary B. Zura, Deputy to the Vice President/CFO for Contracts and Policy, Sandia Corporation		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Lorraine Otero Contracting Officer Sandia Site Office	
15B. CONTRACTOR/OFFEROR BY  (Signature of person authorized to sign)	15C. DATE SIGNED 9/13/04	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9/15/04

1. Section H Paragraph (e) is added to Contract Clause H-33, Implementation of Section I Clauses as follows:

H-33 IMPLEMENTATION OF SECTION I CLAUSES

(e) For purposes of implementation of Paragraph (b) of Contract Clause entitled "Laws, Regulations, and DOE Directives," the parties agree to the following:

- (1) Changes to the 56XB, Nuclear Weapon Development and Production (D&P) Manual listed in Appendix G and the D&P derived requirements, such as Technical Business Practices (TBPs), are approved by NNSA HQ (NA-13) and released through the Product Realization Process (PRP) online notification process at <http://prp.lanl.gov>. Upon release of any D&P and D&P derived requirements, the contractor will be notified by NNSA or an authorized designee and the contractor will have the opportunity to assess the effect of the contractor's compliance with the change on contract cost and funding, technical performance, and schedule; and identify any potential inconsistencies between the change and other terms and conditions of the contract. Within 30 days of receipt of NNSA notification of a change, the contractor shall advise the contracting officer in writing of the potential impact of the contractor's compliance with the change. The contractor and contracting officer shall identify and, if appropriate, agree to any changes to other terms and conditions, including cost and schedule, associated with the change, and fee may be adjusted pursuant to the clause of this contract entitled, "Changes." If there is no impact resulting from a change, the contractor shall advise the SSO COR cognizant for Directed Stockpile Work (DSW); NA-12, Military Application and Stockpile Operation, and NA-13, Program Integration Office within 30 days of the online posting of the change and include the contractor implementation date.

(End of Clause)

2. Section J, Appendix D, *Key Personnel*, dated October 1, 2003 is hereby updated and superseded in its entirety with Attachment 1 to this modification, dated August 12, 2004.
3. Section J, Appendix G, *List of Applicable Directives and NNSA Policy Letters*, is hereby updated and superseded in its entirety with Attachment 2 to this modification, dated August 12, 2004.

----- End of Modification -----

Part III - Section J
Appendix D
Key Personnel

August 12, 2004

The Contractor's employees identified below are determined to be necessary for the successful performance of this Contract. The purpose of this listing is to identify those employees whose initial assignment, reassignment, or replacement shall be subject to the approval of the Contracting Officer, pursuant to the Contract Clause entitled "Key Personnel." Position title designations do not signify officers of the Sandia Corporation.

C. Paul Robinson	President, Laboratories Director
Joan B. Woodard	Executive Vice President, Deputy Laboratories Director
Reserved - TBD	Vice President, Human Resources and Protection Services
Ronald J. Detry	Vice President, Integrated Security and Chief Security Officer
Francisco A. Figueroa	Vice President, Business Management and Chief Financial Officer
Thomas O. Hunter	Senior Vice President, Information, Computation and Engineering
Miriam E. John	Vice President, California Laboratory
Elizabeth D. Krauss	Vice President General Counsel, and Corporate Secretary
J. Leonard Martinez	Vice President, Manufacturing Systems, Science and Technology
Alton D. Romig, Jr.	Vice President, National Security and Arms Control
Les E. Shephard	Vice President Energy, Information and Infrastructure Surety
J. Pace VanDevender	Vice President, Science, Technology and Partnerships
John H. Stichman	Vice President, Weapons Systems
James A. Tegnalia	Vice President, Department of Defense Programs
Gerold Yonas	Vice President, Advanced Concepts/Principal Scientist

Part III - Section J
Appendix G
List of Applicable Directives

August 12, 2004

In addition to the list of applicable directives referenced below, the contractor shall also comply with supplementary directives (e.g., manuals), which are invoked by a Contractor Requirements Document (CRD) attached to a directive referenced below.

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
APPH Chapter X Revision 10	12/15/83	Accounting Practices & Procedures Handbook Chapter X - Product Cost Accounting
DOE O 110.3	11/3/99	Conference Management
AL A-130 Chg. 1 dated 11/30/98	01/97	Implementation Criteria, Appendix III
DOE O 130.1	9/29/95	Budget Formulations Process
DOE M 140.1-1B	3/30/01	Interface with the Defense Nuclear Facilities Safety Board
DOE N 142.1	7/14/99 (DOE N 251.47 extends DOE N 142.1 with no expiration date)	Unclassified Foreign Visits and Assignments
DOE O 151.1B	10/29/03	Comprehensive Emergency Management System
DOE N 153.2	8/11/03	Connectivity to National Atmospheric Release Advisory Center (NARAC)
DOE O 200.1	9/30/96	Information Management Program
DOE M 200.1-1	3/15/97	Telecommunications Security Manual, and Chapter 9 Public Key Cryptography and Key Management, approved 2/15/00
DOE O 205.1	3/21/03	Department of Energy Cyber Security Management Program
DOE N 205.2	11/1/99 (DOE N 205.5 extends DOE N 205.2 until 2/16/04)	Foreign National Access to DOE Cyber Systems
DOE N 205.3	11/23/99 (DOE N 205.5 extends DOE N 205.3 until 2/16/04)	Password Generation, Protection, and Use
		(Cancelled by DOE O 231.1A, Chg. 1.)
DOE O 221.1	3/22/01	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
DOE O 221.2	3/22/01	Cooperation With The Office of Inspector General
DOE O 224.2	3/22/01	Auditing of Programs and Operations
DOE O 225.1A	11/26/97	Accident Investigations
		(Cancelled by DOE O 231.1A, Chg. 1.)
DOE M 231.1-2	8/19/03	Occurrence Reporting and Processing of Operations Information
DOE N 231.1	1/15/02 (DOE N 231.2 extends DOE N 231.1 until 1/15/04)	Environment, Safety, and Health Reporting Notice
		(Cancelled by DOE O 231.1A, Chg. 1)
DOE O 241.1A	4/9/01	Scientific and Technical Information Management

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE O 251.1A	1/30/98	Directives System
DOE O 252.1	11/19/99	Technical Standards Program
DOE O 311.1B	2/12/03	Equal Employment Opportunity and Diversity Program
DOE O 350.1, Chg 1 dated 5/8/98	9/30/96	Contractor Human Resource Management Programs
DOE O 350.2	7/12/01	Use of Facility Contractor Employees for Services to DOE in the Washington, D.C., Area
DOE O 412.1	4/20/99	Work Authorization System
DOE O 413.1A	4/18/02	Management Control Program
DOE O 413.2A	1/8/01	Laboratory Directed Research & Development
DOE O 413.3	10/13/00	Program & Project Management for the Acquisition of Capital Assets
DOE O 414.1B	4/29/04	Quality Assurance)
DOE O 420.1A	5/20/02	Facility Safety
DOE O 420.2A	1/8/01	Safety of Accelerator Facilities
DOE O 425.1C	3/13/03	Startup and Restart of Nuclear Facilities
DOE O 430.2A	4/15/02	Departmental Energy and Utilities Management
DOE O 433.1	6/1/01	Maintenance Management Program for DOE Nuclear Facilities
DOE O 435.1, Chg. 1 dated 8/28/01	7/9/99	Radioactive Waste Management
DOE O 440.1A	3/27/98	Worker Protection Management for DOE Federal and Contractor Employees
DOE O 440.2B	11/27/02	Aviation Management and Safety
DOE O 442.1A	6/6/01	Department Of Energy Employee Concerns Program
DOE O 443.1	5/15/00	Protection of Human Subjects
DOE O 450.1	1/15/03	Environmental Protection Program
DOE P 450.5	6/26/97	Line Environment, Safety and Health Oversight
AL SD 450.7	12/16/01	The Safe Handling, Transferring, and Receiving of Etiologic Agents at Albuquerque Operations (AL) Contractor Facilities ("AL Biosurety Program")
DOE N 450.7	10/17/01 (DOE N 450.13 extends DOE N 450.7 until 6/30/05)	The Safe Handling, Transfer, and Receipt of Biological Etiologic Agents at Department of Energy Facilities
DOE O 452.1B	8/6/01	Nuclear Explosive and Weapon Surety Program
AL 452.1B	10/23/01	Nuclear Explosive and Weapon Surety Program
AL 452.2B	03/22/02	Safety of Nuclear Explosive Operations (This directive was inadvertently omitted from the List when it was last updated.)
DOE O 452.2B	8/7/01	Safety of Nuclear Explosive Operations; and DOE-STD-3015-2001, Nuclear Explosive Safety Study Process, dated February 2001
DOE O 452.4A	12/17/01	Security and Control of Nuclear Explosives and Nuclear Weapons
DOE O 460.1B	4/4/03	Packaging and Transportation Safety
DOE O 460.2 Chg. 1 dated 10/26/95	9/27/95	Departmental Materials Transportation & Packaging Management
DOE M 460.2-1	9/23/02	Radioactive Material Transportation Practices
DOE O 461.1A	4/26/04	Packaging and Transfer or Transportation of Materials of National Security Interest

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE O 470.1, Chg. 1 dated 6/21/96	9/28/95 (DOE N 251.57 extends this Order until 4/28/05)	Safeguards and Security Program
DOE O 470.2B	10/31/02	Independent Oversight and Performance Assurance Program
DOE M 470.1-1	10/2/02	Safeguards and Security Awareness Program
DOE O 471.1A	6/30/00	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.2A	3/27/97 (DOE N 251.57 extends this Order until 4/28/05)	Information Security Program
DOE M 471.2-1B	1/6/99	Classified Matter Protection & Control Manual (<i>this Manual has been cancelled by DOE M 471.2-1C, with the exception of Chapter III paragraphs 1 and 2, and Chapter IV</i>)
DOE M 471.2-1C	4/17/01	Classified Matter Protection & Control Manual
DOE M 471.2-2	8/3/99	Classified Information Systems Security Manual ¹ (<i>except Chapter VI, paragraphs 4j(2), and 4j(6); and Chapter VII, paragraph 12a(2)(a) cancelled per DOE N 205.3</i>)
DOE M 471.2-3A	7/11/02	Special Access Program Policies, Responsibilities, and Procedures ²
DOE O 471.3	4/9/03	Identifying and Protecting Official Use Only Information
DOE M 471.3-1	4/9/03	Manual for Identifying and Protecting Official Use Only Information
DOE N 471.3	4/13/01 (DOE N 251.54 extends DOE N 471.3 until 7/8/04)	Reporting Incidents of Security Concern
DOE O 472.1C	3/25/03	Personnel Security Activities
DOE O 473.1	12/23/02	Physical Protection Program
DOE M 473.1-1	12/23/02	Physical Protection Program Manual
DOE O 473.2	6/30/00	Protective Force Program
DOE M 473.2-1A	1/17/02	Firearms Qualification Courses Manual
DOE M 473.2-2, Chg. 1 dated 12/20/01	6/30/00	Protective Force Program Manual
DOE N 473.8	8/7/02 (DOE N 251.54 extends DOE N 473.8 until 7/8/04)	Security Conditions
DOE O 474.1A	11/20/00	Control and Accountability of Nuclear Materials
DOE M 474.1-1B	6/13/03	Manual for Control and Accountability of Nuclear Materials
DOE M 474.1-2 Chg. 2 dated 11/16/98	2/10/98 (DOE N 474.2 extends DOE M 474.1-2 until 2/11/04)	Nuclear Materials Management and Safeguards System Reporting and Data Submission
DOE M 474.1-2A	8/19/03	Nuclear Materials Management and Safeguards System Reporting and Data Submission Manual
DOE M 475.1-1A	2/26/01	Identifying Classified Information
DOE O 481.1B	9/28/01	Work For Others (Non-Department of Energy Funded Work)

¹ Full implementation will occur in accordance with SNL's approved Implementation Plan.

² Implementation of this Manual predicated on the continuance of direct funding in the future.

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE N 481.1A	4/21/03 (DOE N 251.56 extends this Notice until 4/21/05)	Reimbursable Work for Department of Homeland Security
DOE O 482.1	1/12/01	DOE Facilities Technology Partnering Programs
DOE O 483.1	1/12/01	DOE Cooperative Research & Development Agreements
DOE O 534.1B	1/6/03	Accounting
DOE O 551.1A, Chg. 1 dated 11/8/02	8/25/00	Official Foreign Travel
DOE O 551.1B	8/19/03	Official Foreign Travel
DOE 1220.1A Chg. 1 dated 6/28/92	4/9/92	Congressional & Intergovernmental Affairs
DOE 2110.1A Chg. 2 dated 5/18/92	7/14/88	Pricing of Departmental Materials and Services
DOE 5400.5 Chg. 2 dated 1/7/93	2/8/90	Radiation Protection of the Public & the Environment (<i>except 1a(3)(a) of Chapter II cancelled per DOE O 231.1</i>)
DOE 5480.4 Chg. 4 dated 1/7/93	5/15/84	Environmental Protection Safety & Health Protection Standards (<i>except Attachment 2, paragraph 2c, 2d(2)-(3), 2e(1)-(8) and Attachment 3, paragraph 2c, 2d(2)-(3), and 2e(1)-(7) cancelled per DOE O 440.1 dated 9/30/95</i>)
DOE 5480.19, Chg. 2 dated 10/23/01	7/9/90	Conduct of Operations Requirements for DOE Facilities
DOE 5480.20A, Chg. 1 dated 7/12/01	11/15/94	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
DOE 5480.30, Chg. 1 dated 3/14/01	1/19/93	Nuclear Reactor Safety Design Criteria
DOE 5530.1A	9/20/91	Accident Response Group
DOE 5530.3 Chg. 1 dated 4/10/92	1/14/92	Radiological Assistance Program
DOE 5530.5 Chg. 1 dated 12/2/92	7/10/92	Federal Radiological Monitoring & Assessment Center
DOE 5560.1A	5/8/85	Priorities and Allocations Program
DOE 5660.1B	5/26/94	Management of Nuclear Materials

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE 5670.3	9/4/92	Counterintelligence Program
56XB Rev. 2	5/10/04	Nuclear Weapon Development and Production
SEN-22-90	5/8/90	DOE Policy on Signatures of RCRA Permit Applications
SEN-35-91	9/9/91	Nuclear Safety Policy
NAP 14.1	9/12/03	NNSA Cyber Security Program
NAP 14.2	9/12/03	Baseline Cyber Security Requirements
NAP 14.3	9/12/03	NNSA Protection Profile and Security target Requirements
NAP 14.4	9/12/03	Open Public Unrestricted Access Information Group Protection Profile
NAP 14.5	9/12/03	Unclassified Protected Information Group Protection Profile
NAP 14.6	9/12/03	Unclassified Mandatory Protection Information Group Protection Profile
NAP 14.7	9/12/03	Confidential Non-Nuclear Weapons Data Information Group Protection Profile
NAP 14.8	9/12/03	Secret Restricted Non-Nuclear Weapons Data Information Group Protection Profile
NAP 14.9	9/12/03	Confidential Restricted Data, Sigmas 1-13 Information Group Protection Profile
NAP 14.10	9/12/03	Secret Restricted Data, Sigmas 1-13, Information Group Protection Profile
NAP 14.11	9/12/03	Secret Restricted Data, Sigmas 14-15, Information Group Protection Profile